INTEGRATING OPTICAL COMPONENTS
ON A PLANAR LIGHT CIRCUIT

Abstract of the Disclosure

Optical components may be integrated into planar light circuits. For example, thin film filters may be integrated through trenches in planar light circuits to achieve demultiplexing of at least two multiplexed optical wavelengths. An optical waveguide may be interfaced with a laser or a light detector through a mode converter formed as a trench in the planar light circuit. The mode converter may have a curved surface to achieve mode conversion.